

Name \_\_\_\_\_  
Date \_\_\_\_\_ Block \_\_\_\_\_

**PRACTICE Gateway Quiz #2 - Solving Equations**  
**Show Work!**

1)  $5x - 3 = 9$

2)  $6x - 4 = 2x + 1$

3)  $\frac{x+1}{7} = -3$

4)  $\frac{3}{4}x = 12$

5)  $3x - 5x + 7x = 30$

6)  $2(x + 4) - 6 = 14$

7)  $x^3 - 1 = 26$

8)  $\sqrt[4]{x-2} = 3$

9)  $F = ma$  for  $a$

10)  $R = \frac{CS}{D}$  for  $D$

11)  $P = 2(l + w)$  for  $w$

12)  $h = vt - 16t^2$  for  $v$